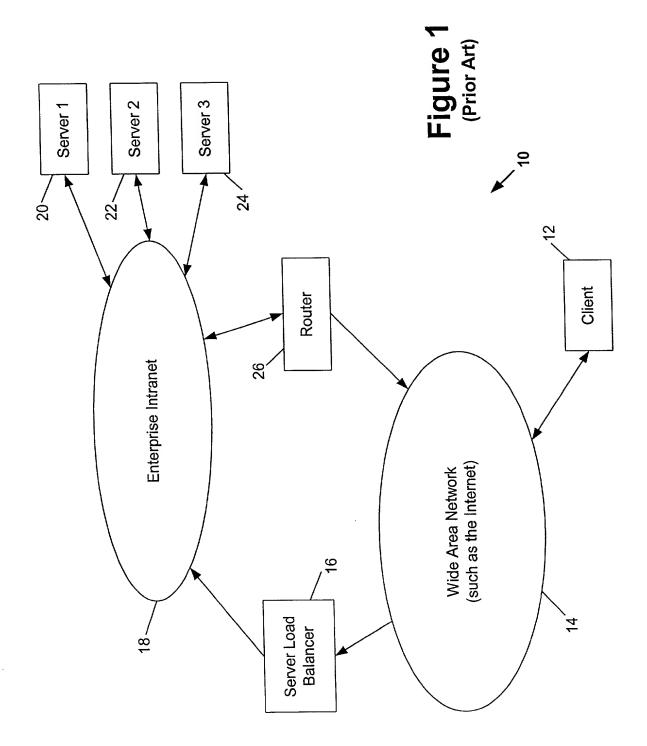
Method Allocation Scheme for Maintaining
Server Load Balancers Services in a High
Throughput Environment
Inventors: O'Rourke, et al.
Attorney's Docket: 062891.0523
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Method Ahodation Scheme for vain aining
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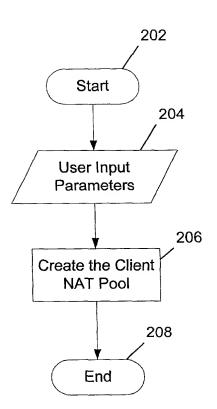


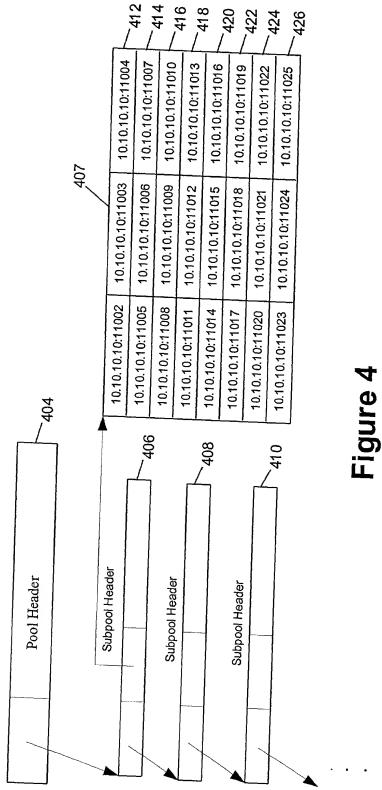
Figure 2

Method Allocation Scheme for maintaining Server Load Balancers Services in a High Throughput Environment Inventors: O'Rourke, et al. Attorney's Docket: 062891.0523 Filed: February 8, 2001 Sheet 3 of 7

GND	Field Symbol	Field Namo	(Ci
		ופות ועמווופ	aoingo
304	PNAME	Pool Name	Input
306	FIPA	First IP Address	Input
308	LIPA	Last IP Address	Input
310	NETMASK	Net Mask	Input
312	ICONNS	Initial Num. Connection Blocks	Input
314	MCONNS	Max Num. Connection Blocks	Input
316	MPA	Memory Pool Address	NULL derived
318	ILA	Interval List Address	Derived
	302		

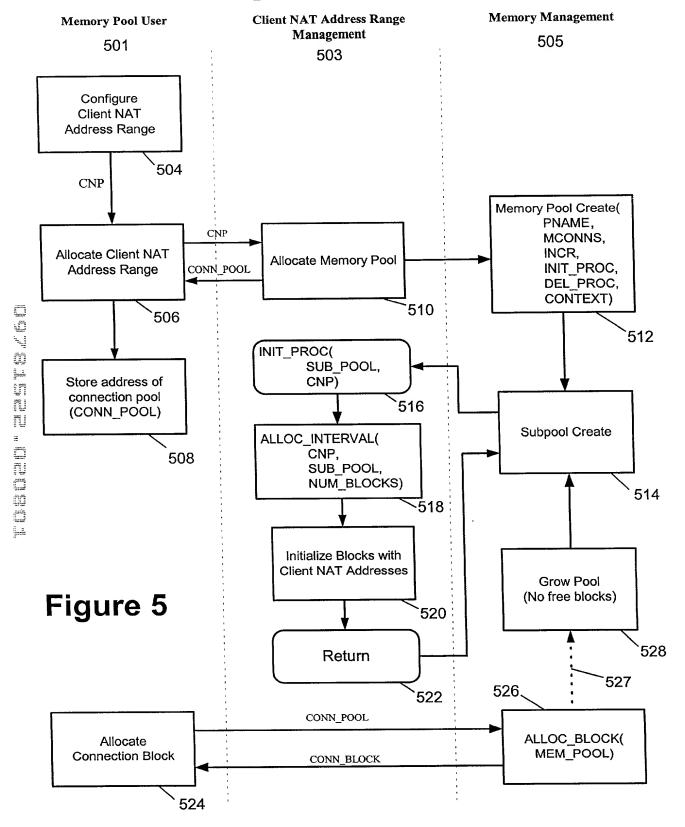
Figure 3

Method Allocation Scheme for Maintaining Server Load Balancers Services in a High Throughput Environment Inventors: O'Rourke, et al. Attorney's Docket: 062891.0523 Filed: February 8, 2001 Sheet 4 of 7



Methoc Allocation Scheme for Maintaining
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Inventors: O'Rourke, et al.
A torney's Docket: 062891.0523
Filed: February 8, 2001

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Method Allocation Scheme for Maintaining Server Load Balancers Services in a High Throughput Environment Inventors: O'Rourke, et al. Attorney's Docket: 062891.0523

Filed: February 8, 2001
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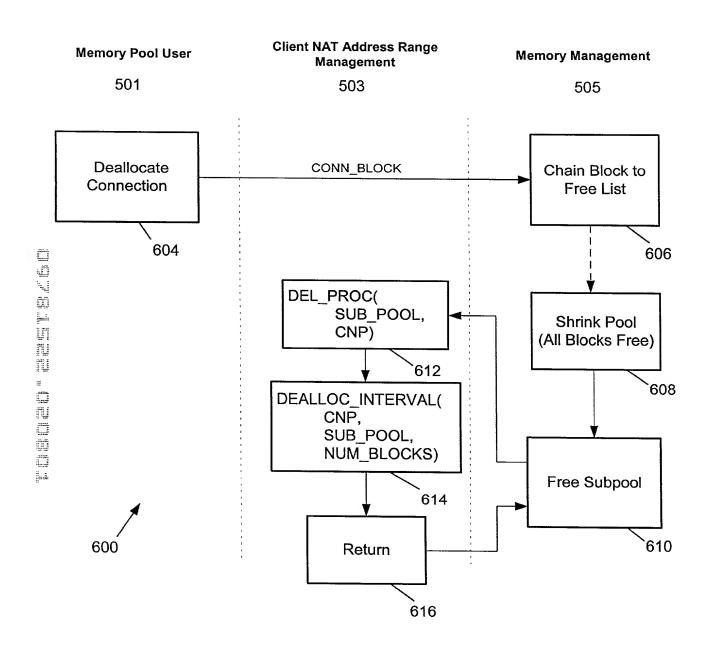


Figure 6

Method Allocation Scheme for Maintaining
Server Load Balancers Services in a High
Throughput Environment
Inventors: O'Rourke, et al.
Attorney's Docket: 062891.0523
Filed: February 8, 2001
\_\_\_\_\_\_\_Sheet 7.0f.7

Count of the Addresse in Client NAT the Interval Number of 318 Port Number of the Last Client NAT Address in the Interval 732 IP Address Client NAT Address in the Interval of the Last 730 Port Number of the First Client NAT Address in the Interval 728 726 IP Address of the First Client NAT Address in the Interval (if allocated) Subpool for this Interval Pointer to Allocated 722 Pointer to Previous Interval Element 720 Next Interval Pointer to Element 718 ~ 718~ 718~ 718.

Figure 7